

# TCx Elevate Course Catalog

Preparedness for 1.3



**Technical Sales Support**  
**Toshiba Global Commerce Solutions**  
Department UHJA  
3901 South Miami Blvd, Durham, NC 27703

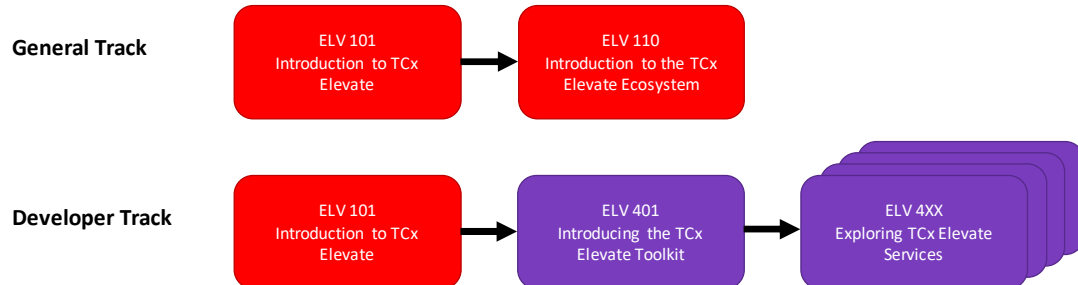
# TCX ELEVATE COURSE STATUS

## TCx Elevate 1.3 Course Catalog

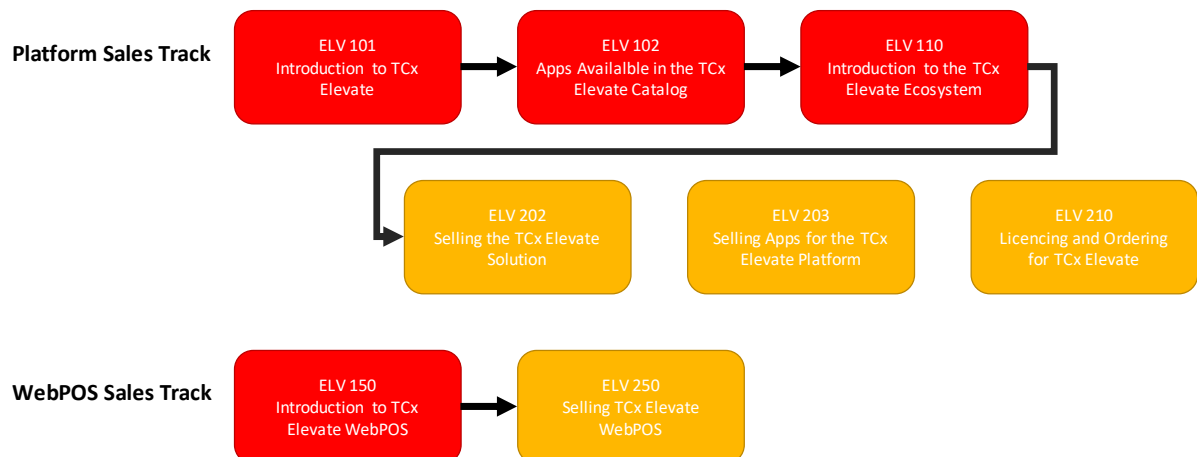
|   |  |   |   |
|---|--|---|---|
|  ELV 101<br>Introduction to TCx Elevate  |  ELV 202<br>Selling the TCx Elevate Solution          |  ELV 301<br>Installing TCx Elevate on TCx Sky (4690 OS)                |  ELV 401<br>Introducing the TCx Elevate Toolkit                          |
|  ELV 102<br>Apps Available in the TCx Elevate Catalog  |  ELV 203<br>Selling Apps for the TCx Elevate Platform |  ELV 302<br>Installing Apps on the TCx Elevate Platform                |  ELV 410<br>Exploring the TCx Elevate JavaScript Retail API              |
|  ELV 110<br>Introduction to the TCx Elevate Ecosystem  |  ELV 210<br>Licencing and Ordering for TCx Elevate    |  ELV 310<br>Customizing TCx Elevate Using Composite Application Markup |  ELV 412<br>Exploring the TCx Elevate Print Service                      |
|  ELV 150<br>Introduction to TCx Elevate WebPOS   |  ELV 250<br>Selling TCx Elevate WebPOS                |  ELV 350<br>Installing TCx Elevate WebPOS on TCx Sky (4690 OS)         |  ELV 415<br>Exploring the TCx Elevate Omnichannel API                    |
| <div>  Course Up to Date for 1.3<br/>  Course Needs Updates for 1.3<br/>  Course does not Yet Exist<br/>  Planned for GA         </div> |  |  ELV 360<br>Customizing the TCx Elevate WebPOS UI                     |  ELV 417<br>Exploring the TCx Elevate POS Event Service                 |
|   |  |   |  ELV 420<br>Exploring the TCx Elevate Pricing Service                  |
|   |  |   |  ELV 422<br>Exploring the TCx Elevate Receipt Service                  |
|   |  |   |  ELV 425<br>Exploring the TCx Elevate POS Data Service                 |
|   |  |   |  ELV 420<br>Exploring the TCx Elevate Systems Management Event Service |
|   |  |   |  ELV 450<br>Extending the TCx Elevate WebPOS UI with Widgets           |
|   |  |   |   |
|   |  |   |   |

# LEARNING PATHS

## Ecosystem Software Providers

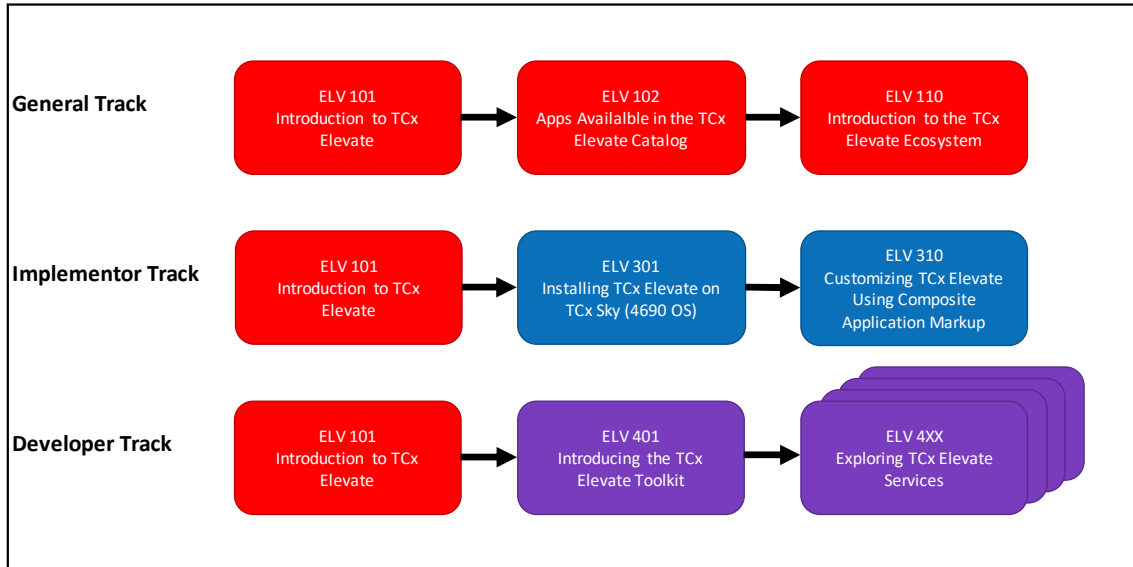


## Toshiba Sellers

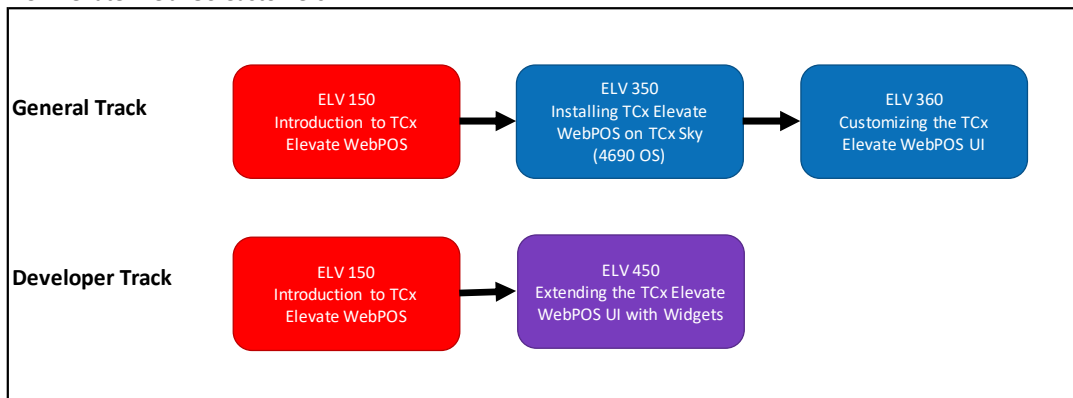


## TCx Elevate Customers

### TCx Elevate Platform Customers



### TCx Elevate WebPOS Customers



# Course Details

## CORE CURRICULUM

### ELV101: Introduction to TCx Elevate

In this introductory class, students will learn about the TCx Elevate solution and how it can enable greatly increased functionality at the POS terminal. The course covers how the solution works, including a high-level discussion on the architecture, as well as a discussion of the flexibility that TCx Elevate provides.

#### *Delivery Type*

Web-Based Learning

#### *Audience*

TCx Elevate customers, sellers, business partners, ecosystem solution providers, and developers.

#### *Roles*

|                       |            |
|-----------------------|------------|
| Subject Matter Expert | Bilal Aziz |
| Course Developer      | Kyle Irvan |
| Reviewer/Approver     | Bilal Aziz |

#### *Status*

Course complete for version 1, release 1. Will need update for release 3.

Update should include introduction to new services:

- POS Interaction Service
- POS Log Service
- POS Data Service
- Receipt Service
- Printer Service

## ELV110: Introduction to the TCx Elevate Ecosystem

This course introduces students to the TCx Elevate Ecosystem and answers the questions: What is the Ecosystem? What types of apps are available? How are new apps made available? What is the relationship between Ecosystem Software Providers (ESPs) and Toshiba?

### Objectives

Upon completing this course, students should be able to...

- Describe the Ecosystem
- Identify the differences between catalog and non-catalog apps
- Describe the categories of relationships between ESPs, customers and Toshiba

### Delivery Type

Web-Based Learning

### Audience

TCx Elevate customers, sellers, business partners, ecosystem solution providers, and developers.

### Roles

|                       |             |
|-----------------------|-------------|
| Subject Matter Expert | Bilal Aziz  |
| Course Developer      | Chris Lynch |
| Reviewer/Approver     | Bilal Aziz  |

### Status

Course not planned.

## ELV150: Introduction to TCx Elevate WebPOS

This course introduces students to the TCx Elevate Ecosystem and answers the questions: What is the Ecosystem? What types of apps are available? How are new apps made available? What is the relationship between Ecosystem Software Providers (ESPs) and Toshiba?

### Objectives

Upon completing this course, students should be able to...

- Describe the Ecosystem
- Identify the differences between catalog and non-catalog apps
- Describe the categories of relationships between ESPs, customers and Toshiba

### Delivery Type

Web-Based Learning

### Audience

TCx Elevate customers, sellers, business partners, ecosystem solution providers, and developers.

### Roles

|                       |             |
|-----------------------|-------------|
| Subject Matter Expert | Bilal Aziz  |
| Course Developer      | Chris Lynch |
| Reviewer/Approver     | Bilal Aziz  |

### Status

Course not planned.

## MARKETING AND SALES CURRICULUM

### ELV202: Selling the TCx Elevate Solution

This course covers the marketing messaging, sales model, and price structure for TCx Elevate. Students will also be made aware of competitive products and comparative information.

#### *Delivery Type*

Web-Based Learning

#### *Audience*

TCx Elevate sellers.

#### *Roles*

|                       |                    |
|-----------------------|--------------------|
| Subject Matter Expert | Awaiting PLM Input |
| Course Developer      | Gena Gutierrez     |
| Reviewer/Approver     | Awaiting PLM Input |

#### *Status*

Course complete for version 1, release 1. Will need update for release 3.

### ELV250: Selling TCx Elevate WebPOS

This course covers the marketing messaging, sales model, and price structure for TCx Elevate. Students will also be made aware of competitive products and comparative information.

#### *Delivery Type*

Web-Based Learning

#### *Audience*

TCx Elevate sellers.

#### *Roles*

|                       |                    |
|-----------------------|--------------------|
| Subject Matter Expert | Awaiting PLM Input |
| Course Developer      | Gena Gutierrez     |
| Reviewer/Approver     | Awaiting PLM Input |

#### *Status*

Course complete for version 1, release 1. Will need update for release 3.



## CONFIGURATION CURRICULUM

### ELV301: Installation of TCx Elevate on 4690 OS

This course covers the installation procedure of TCx Elevate on 4690. After completion of this course, students should be able to install the solution, configure it to work with their POS application, and configure terminals to run it.

#### Objectives

Upon completing this course, students should be able to...

- Install base TCx Elevate on a 4690 controller
- Launch a terminal configured with TCx Elevate Client Platform
- Test the three starter apps on the terminal

#### Delivery Type

Web-Based Learning

#### Audience

TCx Elevate customers, business partners, ecosystem solution providers, and developers.

#### Roles

|                       |                    |
|-----------------------|--------------------|
| Subject Matter Expert | Awaiting PLM Input |
| Course Developer      | Kyle Irvan         |
| Reviewer/Approver     | Awaiting PLM Input |

#### Status

Course complete for version 1, release 1. Will need update for release 3.

Update should include remote install and configuration steps for new services:

- POS Interaction Service
- POS Log Service
- POS Data Service
- Receipt Service
- Printer Service

### ELV310: Customizing TCx Elevate Using the Composite Application Markup (CAM)

#### Language

In this class, students will gain familiarity with the Composite Application Markup (CAM) language and learn how to use it to modify the their Elevate front-end terminals.

#### Objectives

Upon completing this course, students should be able to...

- Select a CAM file to launch on a terminal
- Modify a terminal CAM file to include a new overlay triggered by a gesture
- Add a sample web application to the terminal display

#### Delivery Type

Web-Based Learning

### *Audience*

TCx Elevate customers, ecosystem solution providers, and developers.

### *Roles*

|                       |                    |
|-----------------------|--------------------|
| Subject Matter Expert | Awaiting PLM Input |
| Course Developer      | Richard Vanderpool |
| Reviewer/Approver     | Awaiting PLM Input |

### *Status*

Course complete for version 1, release 1. Will need update for release 3.

Update will be largely cosmetic; content is still up to date.

### **ELV350: Installing TCx Elevate WebPOS**

In this class, students will gain familiarity with the Composite Application Markup (CAM) language and learn how to use it to modify the their Elevate front-end terminals.

### *Objectives*

Upon completing this course, students should be able to...

- Select a CAM file to launch on a terminal
- Modify a terminal CAM file to include a new overlay triggered by a gesture
- Add a sample web application to the terminal display

### *Delivery Type*

Web-Based Learning

### *Audience*

TCx Elevate customers, ecosystem solution providers, and developers.

### *Roles*

|                       |                    |
|-----------------------|--------------------|
| Subject Matter Expert | Awaiting PLM Input |
| Course Developer      | Richard Vanderpool |
| Reviewer/Approver     | Awaiting PLM Input |

### *Status*

Course complete for version 1, release 1. Will need update for release 3.

Update will be largely cosmetic; content is still up to date.

## DEVELOPMENT CURRICULUM

### ELV401: Introducing the TCx Elevate Toolkit

In this course, students will be introduced to the TCx Elevate Toolkit. They will learn how to use the toolkit to perform a few simple development-related tasks.

#### *Delivery Type*

Web-Based Learning

#### *Audience*

TCx Elevate customers, ecosystem solution providers, and developers.

#### *Roles*

|                       |                    |
|-----------------------|--------------------|
| Subject Matter Expert | Awaiting PLM Input |
| Course Developer      | Kyle Irvan         |
| Reviewer/Approver     | Awaiting PLM Input |

#### *Status*

Course up to date for version 1, release 3.

### ELV410: Exploring the TCx Elevate Retail API

In this course, students will gain a familiarity with the Retail API used to integrate web apps running on the TCx Elevate Platform into the POS.

#### *Delivery Type*

Web-Based Learning

#### *Audience*

TCx Elevate customers, ecosystem solution providers, and developers.

#### *Roles*

|                       |                    |
|-----------------------|--------------------|
| Subject Matter Expert | Awaiting PLM Input |
| Course Developer      | Richard Vanderpool |
| Reviewer/Approver     | Awaiting PLM Input |

#### *Status*

Course complete for version 1, release 1. Will need update for release 3.

Update will be largely cosmetic; content is still mostly up to date. Update should include new methods associated with POS Interaction Service.

### ELV415: Exploring the TCx Elevate Omnichannel API

This course covers the basics of the TCx Elevate Multichannel REST API which allows retailers to submit orders from external services to the store.

#### *Objectives*

Upon completing this course, students should be able to...

- Use a REST API tool (such as POSTman) to test API
- Post a new order to the store
- Get orders from storage

- Modify the order status
- Create a suspended transaction from an order
- Create a complete transaction from an order including payment

#### *Delivery Type*

Web-Based Learning

#### *Audience*

TCx Elevate customers, ecosystem solution providers, and developers.

#### *Roles*

|                       |               |
|-----------------------|---------------|
| Subject Matter Expert | Shawn Joseph  |
| Course Developer      | Kyle Irvan    |
| Reviewer/Approver     | Richard Bryan |

#### *Status*

Course up to date for version 1, release 3.